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Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Dated: September \$2004 Name of Person Certifying:

Printed Name: Antoine He F. Kowski

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

H. Michael Shepard, et al.

Serial No.: 10/681,418

Filing Date: October 7, 2003

For: Enzyme Catalyzed Therapeutic

Compounds

Examiner: Crane, L.E.

Group Art Unit: 1623

Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450

AMENDMENTS AND RESPONSE TO OFFICE ACTION

Dear Sir:

This paper is filed in response to the Office Action issued on March 15, 2004 by the U.S. Patent and Trademark Office in connection with the above-identified application. A response to the March 15, 2004 Action originally was due June 15, 2004. Applicants concurrently request a Three Month Extension of Time and authorize the Office to charge the amount of any fee which may be due to the undersigned's Deposit Account. In view of the Request for an Extension of Time and payment of the fee, a response is now due September 15, 2004. Accordingly this response is timely filed.

The Amendments to the Specification begin on Page 3 of this Reply.

The Listing of the Claims begin on Page 9 of this Reply.

The Amendments to the Abstract begin on Page 19 of this Reply.

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Applicants' Remarks begin on Page 20 of this Reply.